

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059634.D
 Acq On : 17 Dec 2019 18:48
 Operator : JC/SP
 Sample : K6330-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11977

Quant Time: Dec 18 06:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

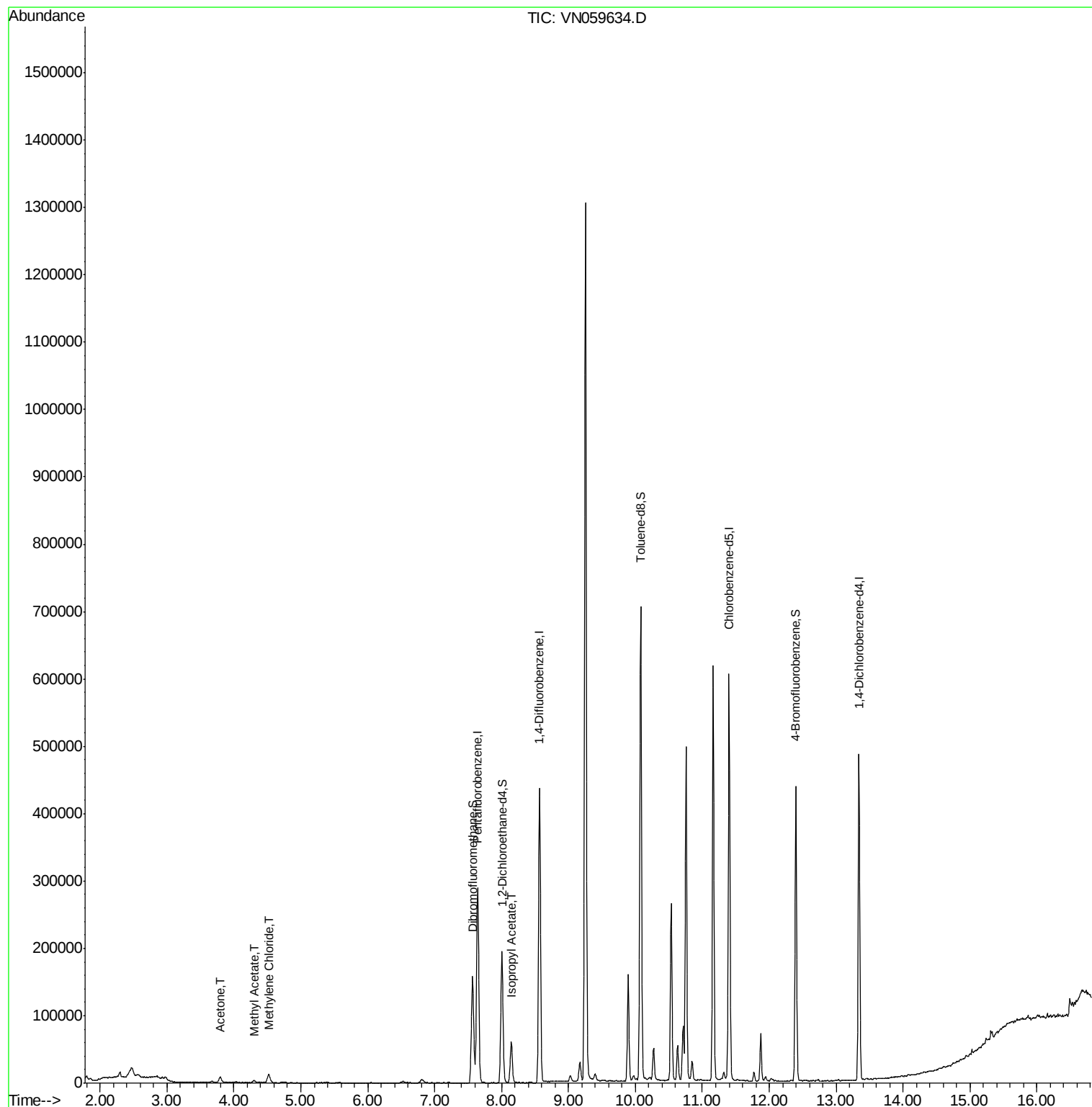
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	368145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	330389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	170348	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.57	113	119766	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.08	98	467493	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	147753	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
16) Acetone	3.80	43	14495	7.376	ug/l	97
18) Methyl Acetate	4.30	43	6718	1.631	ug/l #	68
20) Methylene Chloride	4.53	84	8549	3.012	ug/l	96
43) Isopropyl Acetate	8.15	43	70078	10.101	ug/l #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059634.D

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Instrument :

MSVOA_N

ClientSampleId :

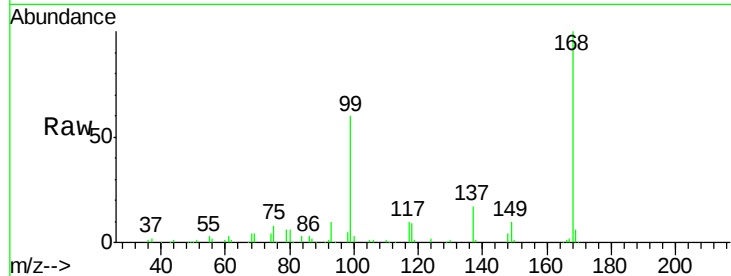
11977

Tot Ion:168 Resp: 227477

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

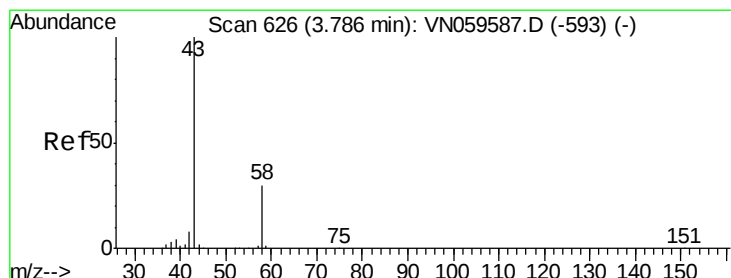
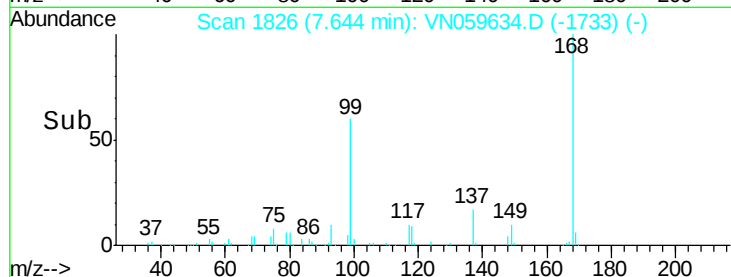
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.376 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059634.D

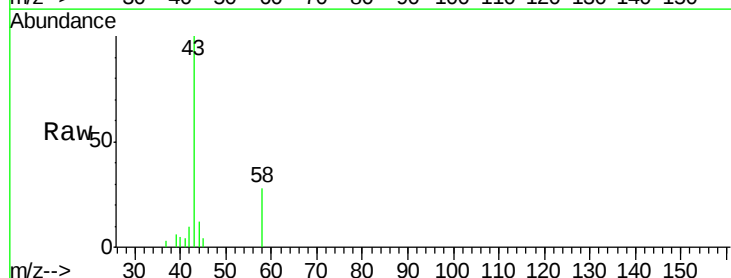
Acq: 17 Dec 2019 18:48

Tgt Ion: 43 Resp: 14495

Ion Ratio Lower Upper

43 100

58 27.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

6000

5000

4000

3000

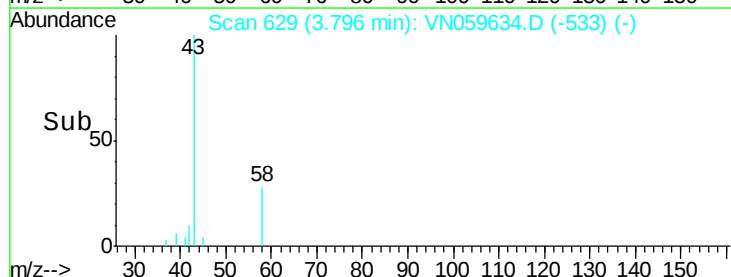
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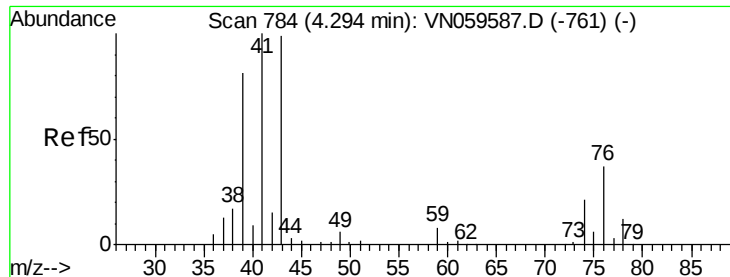
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

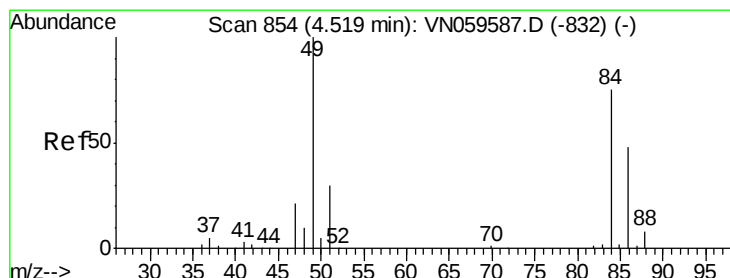
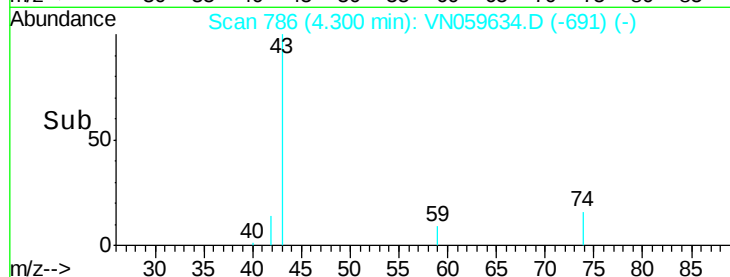
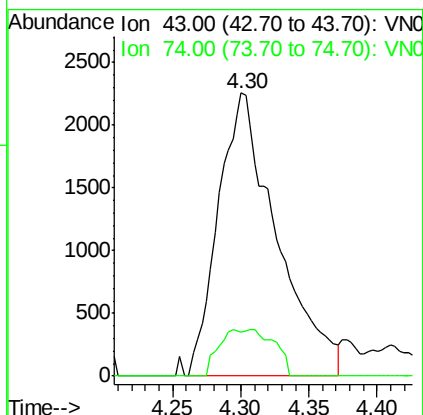
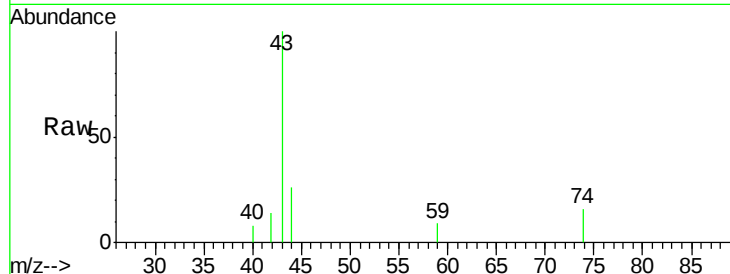




#18
Methyl Acetate
Concen: 1.631 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

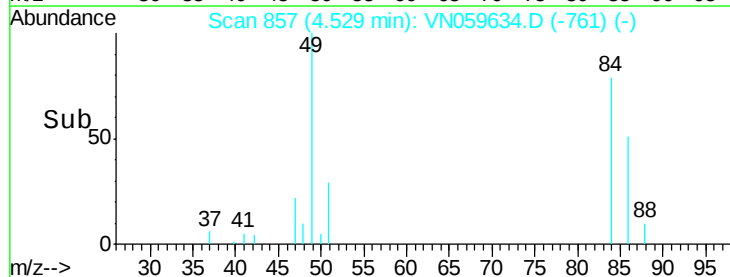
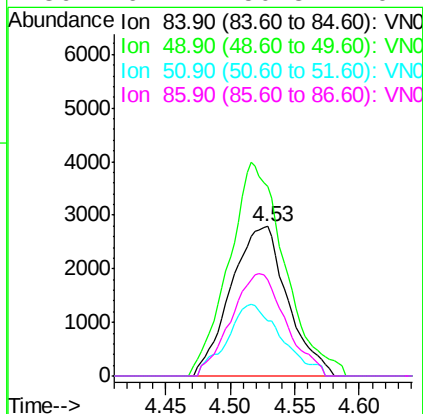
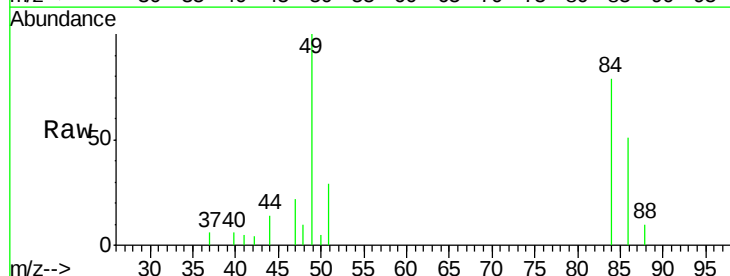
Instrument :
MSVOA_N
ClientSampled :
11977

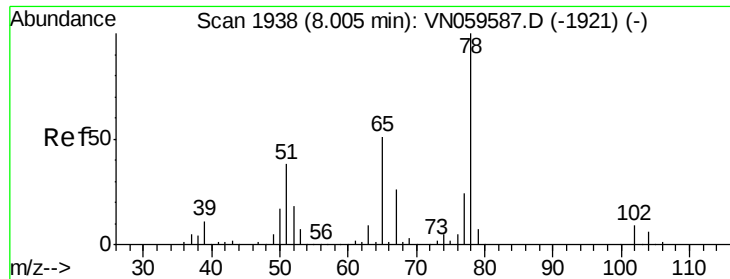
Tot Ion: 43 Resp: 6718
Ion Ratio Lower Upper
43 100
74 6.6 17.5 26.3#



#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 84 Resp: 8549
Ion Ratio Lower Upper
84 100
49 126.8 106.6 160.0
51 37.2 31.9 47.9
86 64.2 50.8 76.2

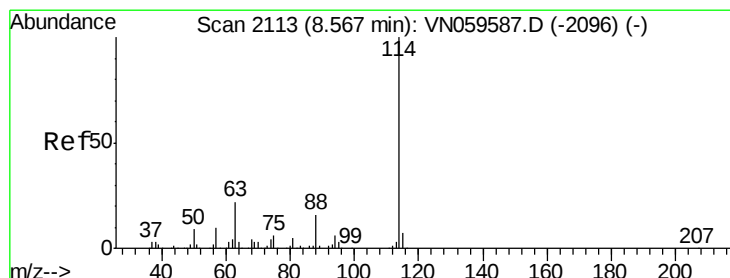
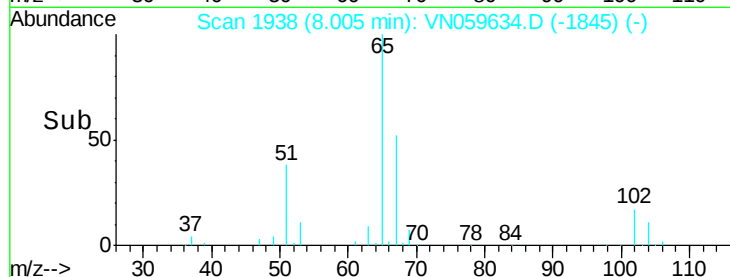
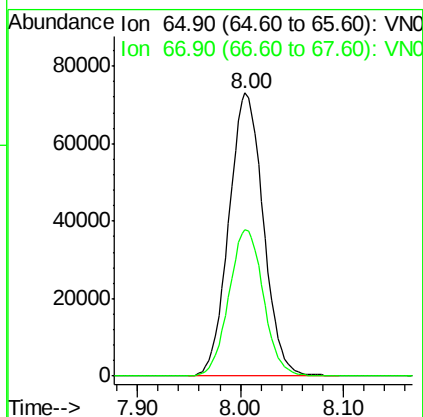
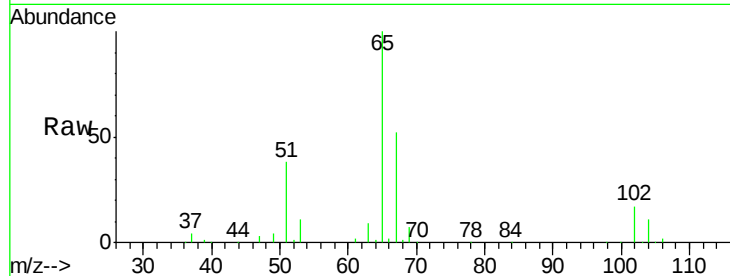




#33
 1,2-Dichloroethane-d4
 Concen: 51.463 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059634.D
 Acq: 17 Dec 2019 18:48

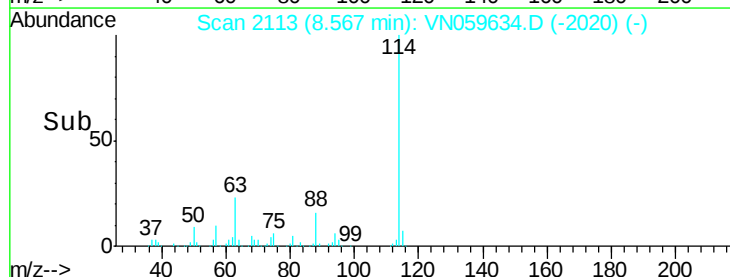
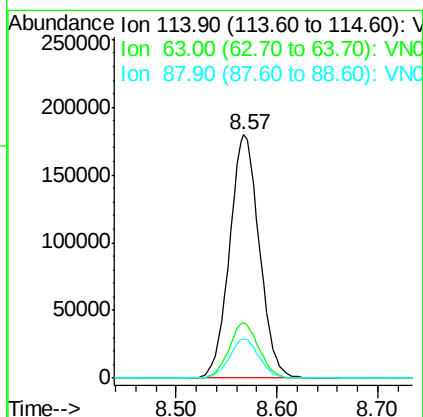
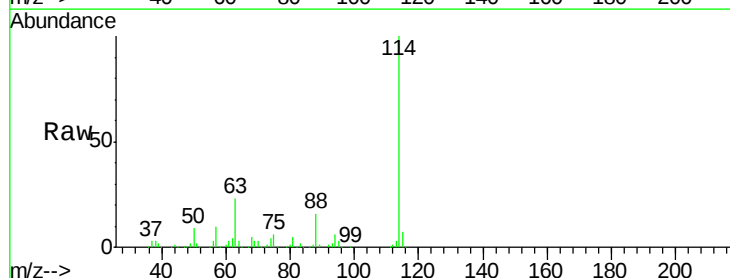
Instrument :
 MSVOA_N
 ClientSampled :
 11977

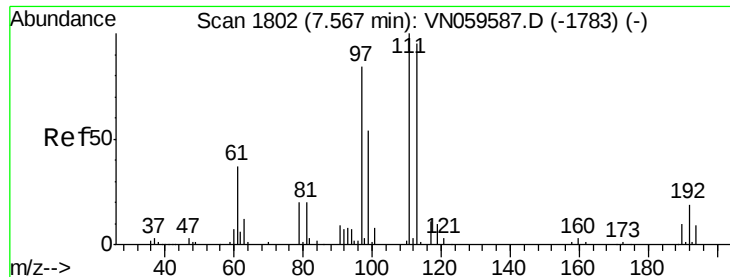
Tot Ion: 65 Resp: 170348
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059634.D
 Acq: 17 Dec 2019 18:48

Tgt Ion: 114 Resp: 368145
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.6
 88 16.2 0.0 31.4

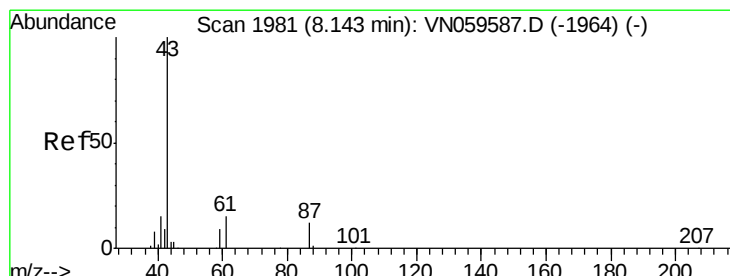
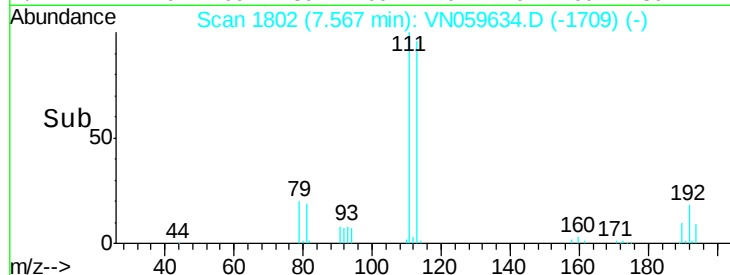
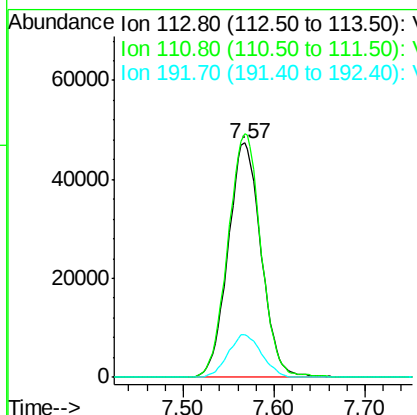
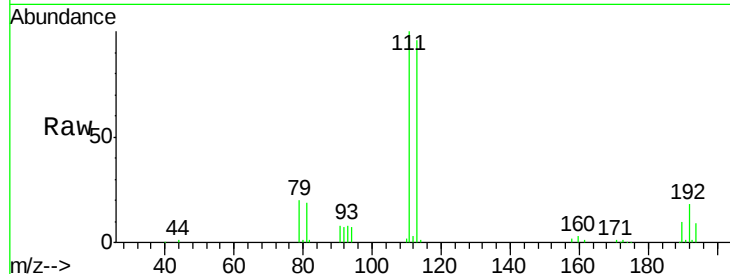




#35
 Dibromofluoromethane
 Concen: 51.994 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059634.D
 Acq: 17 Dec 2019 18:48

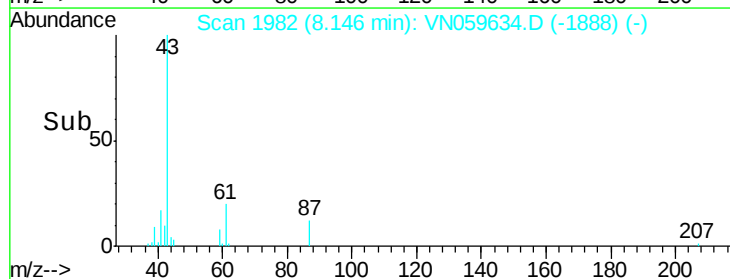
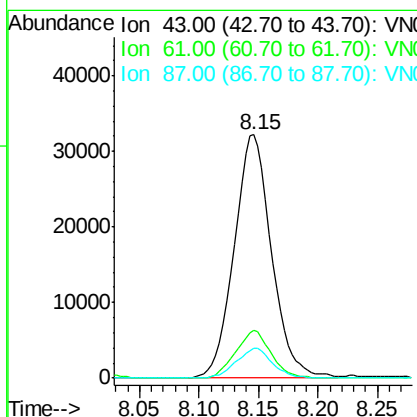
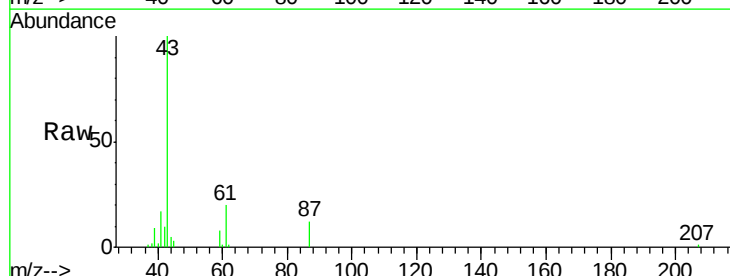
Instrument :
 MSVOA_N
 ClientSampleId :
 11977

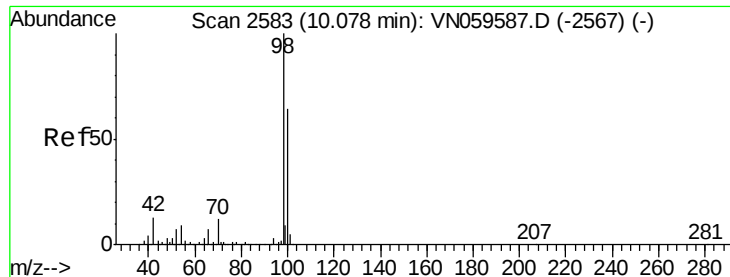
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	18.4	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 10.101 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059634.D
 Acq: 17 Dec 2019 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	20.2	30.2#
87	11.6	9.5	14.3





#50

Toluene-d8

Concen: 51.262 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059634.D

Acq: 17 Dec 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

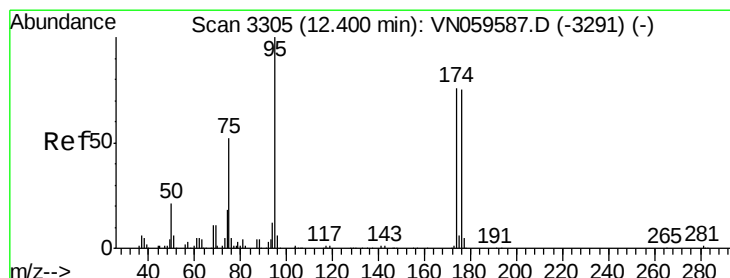
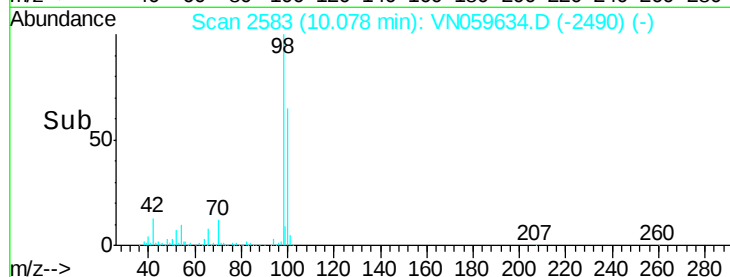
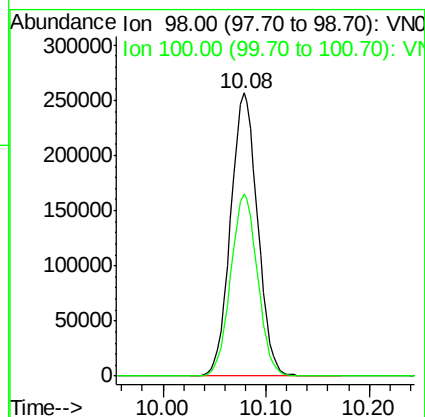
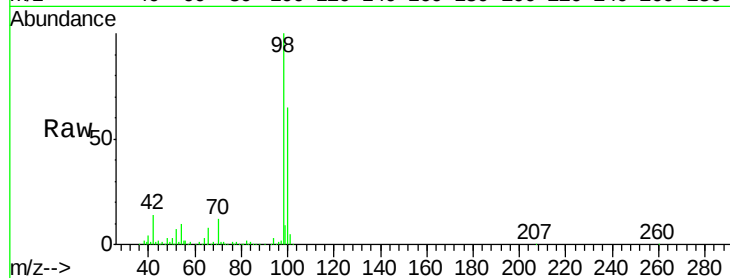
11977

Tot Ion: 98 Resp: 467493

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.401 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059634.D

Acq: 17 Dec 2019 18:48

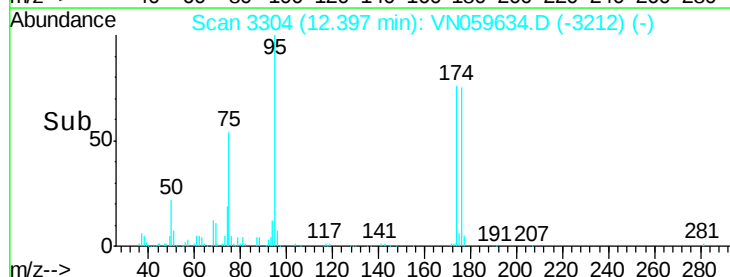
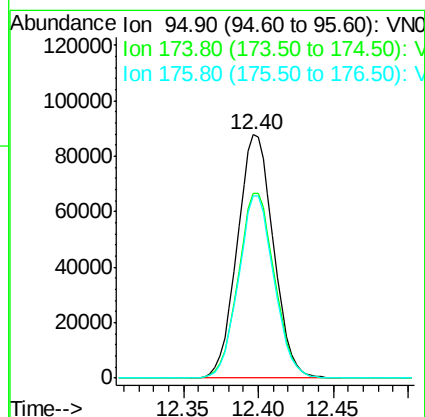
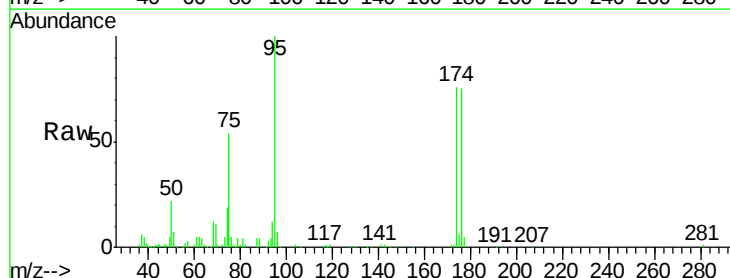
Tgt Ion: 95 Resp: 147753

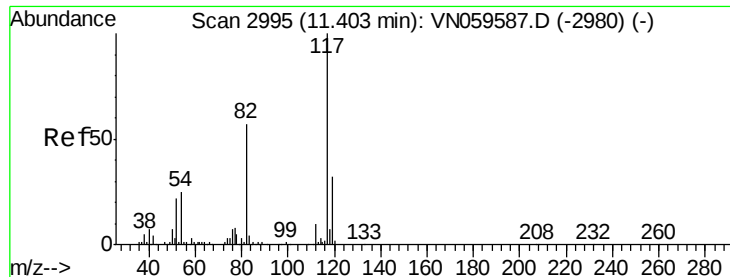
Ion Ratio Lower Upper

95 100

174 76.2 0.0 151.4

176 73.9 0.0 146.0

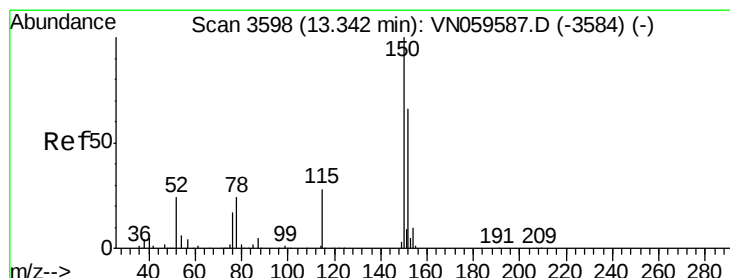
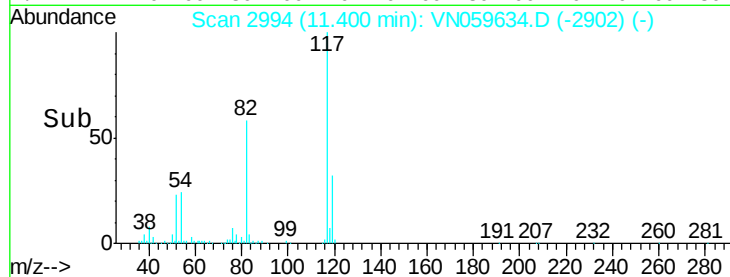
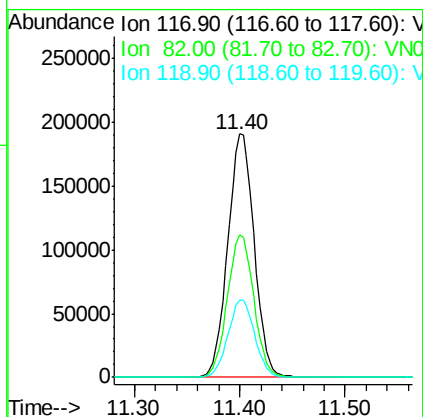
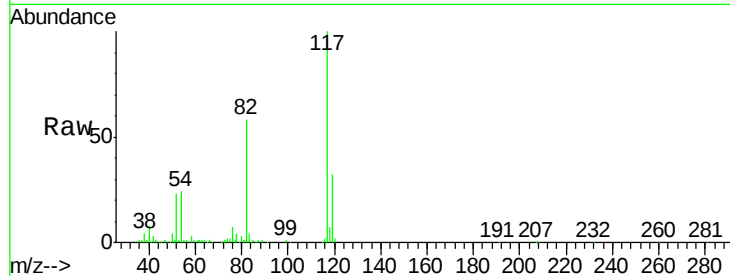




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampled :
11977

Tot Ion:117 Resp: 330389
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion:152 Resp: 123985
Ion Ratio Lower Upper
152 100
115 61.8 30.3 90.9
150 158.0 0.0 345.2

